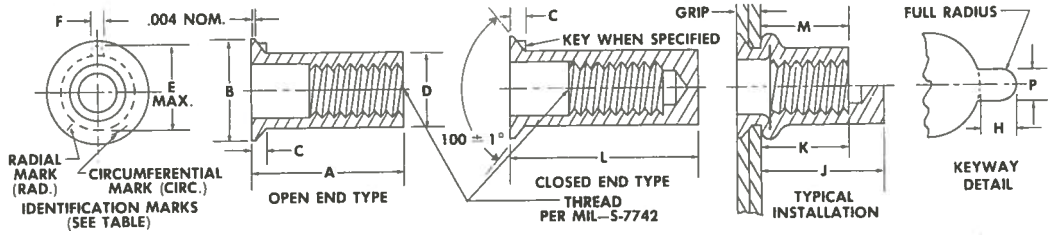
Countersunk head RIVNUT® fastener — Unified Thread System



Code:
Diameter and grip range as tabulated. First letter of type number indicates material: "A" for 6053 aluminum, "S" for C-1010 or C-1110 steel, "SS" for Type 430 corrosion resistant steel, "CH" for heat-treated 4037 steel, "BR" for brass," NM" for type 384 stainless steel. Letter between dash numbers indicates type: "—" for keyless open end, "K" for keyed open end, "B" for keyless closed end, "KB" for keyed closed end, "R"for ribbed shank.

Examples:
A25K151 = Aluminum alloy keyed open end 1/4-20 internal thread .089 to .151 grip range.
SS6KB241 = Corrosion resistant steel keyed closed end No. 6-32 internal thread .201 to .241 grip range.

Weights:
For Brass RIVNUTS multiply weight of aluminum RIVNUTS by 3.13. Weights for "CH" RIVNUTS (4037 steel) and "SS" RIVNUTS (Type 430 corrosion resistant steel) same as for "S" RIVNUTS (C-1010 steel).

First No. of Type No.	Thread Size*	B Ref.	C Max.	D +.000 -.004	E Max.	F +.005 -.000	Install Drill Size (Ref.)	Install Hole Size Min.	Install Hole Size Max.	Keyway Dimensions P+.003 -.000	Keyway Dimensions H
4	# 4-40 UNC-3B	.263	.051	.155	.198	.054	5/32	.156	.158	.062	.046-.048
6	# 6-32 UNC-3B	.323	.063	.189	.240	.054	# 12	.190	.193	.062	.056-.058
8	# 8-32 UNC-3B	.355	.063	.221	.271	.054	# 2	.222	.226	.062	.056-.058
10	#10-32 UNF-3B	.391	.065	.250	.302	.054	E	.251	.256	.062	.056-.058
25	1/4-20 UNC-3B	.529	.089	.332	.382	.054	Q	.333	.338	.062	.056-.058
31	5/16-18 UNC-3B	.656	.104	.413	.505	.120	Z	.414	.423	.128	.097-.102
37	3/8-16 UNC-3B	.770	.124	.490	.597	.120	12.5 M M	.491	.500	.128	.110-.115
50	1/2-13 UNC-3B	.906	.124	.625	.733	.120	5/8	.626	.635	.128	.110-.115

*Both UNC and UNF threads are available in No. 10 and larger thread sizes

† Additional Grip Ranges are available.

Type Number	Grip † Range	Ident. Mark	Open End Keyed and Keyless A ±.015	M Ret.	Wt. (Lbs./1000) Alum.	Wt. (Lbs./1000) Steel	Closed End Keyless L ±.015	J Ret.	K REF.	Wt. (Lbs./1000) Alum.	Wt. (Lbs./1000) Steel	Closed End Keyed L ±.015	J Ref.	K Ret.	Wt. (Lbs./1000) Alum.	Wt. (Lbs./1000) Steel
4- 81	.050-.081	Blank	.370	.235	.4	1.3	.525	.390	.235	.6	1.9	.525	.390	.235	.6	1.9
4-106	.081-.106	1-Rad.	.395	.235	.4	1.3	.550	.390	.235	.6	1.9	.550	.390	.235	.6	1.9
4-131	.106-.131	2-Rad.	.420	.235	.4	1.4	.575	.390	.235	.7	2.0	.575	.390	.235	.7	2.0
4-156	.131-.156	3-Rad.	.450	.235	.5	1.4	.600	.390	.235	.7	2.0	.600	.390	.235	.7	2.0
4-181	.156-.181	4-Rad.	.475	.235	.5	1.5	.625	.390	.235	.7	2.1	.625	.390	.235	.7	2.1
4-206	.181-.206	5-Rad.	.500	.235	.5	1.5	.650	.390	.235	.7	2.1	.650	.390	.235	.7	2.1
6-106	.065-.106	Blank	.500	.325	.8	2.5	.687	.510	.325	1.2	3.6	.812	.635	.425	1.4	4.2
6-161	.106-.161	2-Rad.	.500	.280	.8	2.4	.687	.465	.280	1.2	3.5	.812	.590	.380	1.3	4.1
6-201	.161-.201	4-Rad.	.562	.295	.9	2.6	.687	.420	.260	1.1	3.4	.812	.545	.335	1.3	4.0
6-241	.201-.241	1-Circ.	.625	.315	.9	2.9	.812	.505	.295	1.3	4.0	.812	.505	.295	1.3	4.0
6-281	.241-.281	2-Circ.	.625	.270	.9	2.8	.812	.465	.265	1.3	3.9	.812	.465	.265	1.3	3.9
6-321	.281-.321	3-Circ.	.687	.290	1.0	3.0	.844	.455	.265	1.3	4.0	.844	.455	.265	1.3	4.0
8-106	.065-.106	Blank	.500	.325	1.0	3.1	.687	.510	.325	1.5	4.6	.812	.635	.425	1.8	5.4
8-161	.106-.161	2-Rad.	.500	.280	1.0	3.0	.687	.465	.280	1.5	4.5	.812	.590	.380	1.7	5.3
8-201	.161-.201	4-Rad.	.562	.290	1.1	3.3	.687	.415	.255	1.4	4.4	.812	.540	.330	1.7	5.2
8-241	.201-.241	1-Circ.	.625	.310	1.2	3.6	.875	.560	.290	1.8	5.5	.875	.560	.290	1.8	5.5
8-281	.241-.281	2-Circ.	.687	.325	1.1	3.2	.875	.515	.290	1.8	5.4	.875	.515	.290	1.8	5.4
8-321	.281-.321	3-Circ.	.687	.295	1.2	3.8	.875	.485	.300	1.7	5.2	.875	.485	.300	1.7	5.2
10-116	.065-.116	Blank	.578	.395	1.4	4.3	.828	.645	.395	2.2	6.7	.828	.645	.395	2.2	6.7
10-166	.116-.166	1-Rad.	.625	.385	1.5	4.6	.875	.635	.385	2.3	6.9	.875	.635	.385	2.3	6.9
10-216	.166-.216	2-Rad.	.687	.400	1.6	4.9	.938	.650	.400	2.4	7.2	.938	.650	.400	2.4	7.2
10-266	.216-.266	3-Rad.	.734	.390	1.7	5.1	.984	.640	.390	2.5	7.5	.984	.640	.390	2.5	7.5
10-316	.266-.316	4-Rad.	.781	.385	1.8	5.4	1.031	.635	.385	2.5	7.7	1.031	.635	.385	2.5	7.7
10-366	.316-.366	5-Rad.	.844	.400	1.9	5.7	1.094	.650	.400	2.6	8.0	1.094	.650	.400	2.6	8.0
25-151	.089-.151	Blank	.687	.440	3.2	9.8	1.000	.750	.435	5.0	15.1	1.000	.750	.435	5.0	15.1
25-211	.151-.211	1-Rad.	.750	.440	3.4	10.3	1.062	.750	.435	5.2	15.7	1.062	.750	.435	5.2	15.7
25-271	.211-.271	2-Rad.	.812	.440	3.6	10.9	1.125	.750	.435	5.4	16.3	1.125	.750	.435	5.4	16.3
25-331	.271-.331	3-Rad.	.875	.435	3.8	11.5	1.187	.750	.435	5.5	16.9	1.187	.750	.435	5.5	16.9
25-391	.331-.391	4-Rad.	.937	.435	4.0	12.1	1.250	.750	.435	5.7	17.5	1.250	.750	.435	5.7	17.5
25-451	.391-.451	5-Rad.	1.000	.445	4.2	12.7	1.312	.760	.445	5.9	18.1	1.312	.760	.445	5.9	18.1
31-181	.106-.181	Blank	.844	.540	5.9	17.8	1.218	.915	.540	9.0	27.5	1.218	.915	.540	9.0	27.5
31-256	.181-.256	1-Rad.	.937	.560	6.3	19.3	1.312	.935	.560	9.5	28.9	1.312	.935	.560	9.5	29.0
31-331	.256-.331	2-Rad.	1.000	.550	6.6	20.1	1.406	.955	.550	10.0	30.4	1.406	.955	.550	10.0	30.5
31-406	.331-.406	3-Rad.	1.093	.565	7.1	21.5	1.468	.940	.565	10.2	31.1	1.468	.940	.565	10.2	31.2
31-481	.406-.481	4-Rad.	1.156	.555	7.3	22.3	1.562	.960	.555	10.7	32.6	1.562	.960	.555	10.8	32.7
31-556	.481-.556	5-Rad.	1.250	.575	7.8	23.7	1.625	.950	.575	10.9	33.3	1.625	.950	.575	11.0	33.4
37-211	.125-.211	Blank	.938	.580	8.9	27.0	1.375	1.020	.655	13.9	42.3	1.375	1.020	.655	13.9	42.4
37-296	.211-.296	1-Rad.	1.031	.590	9.4	28.7	1.468	1.030	.655	14.5	44.1	1.468	1.030	.655	14.5	44.1
37-381	.296-.381	2-Rad.	1.125	.600	10.0	30.5	1.562	1.040	.675	15.0	45.8	1.562	1.040	.675	15.1	45.9
37-466	.381-.466	3-Rad.	1.219	.615	10.6	32.3	1.656	1.050	.690	15.6	47.6	1.656	1.050	.690	15.7	47.7
37-551	.466-.551	4-Rad.	1.312	.625	11.2	34.0	1.750	1.065	.705	16.2	49.4	1.750	1.065	.705	16.2	49.5
37-636	.551-.636	5-Rad.	1.422	.650	11.9	36.2	1.859	1.090	.715	16.9	51.6	1.859	1.090	.715	17.0	51.7
**50-226	.125-.226	Biank	.984	.610	14.0	43.2	1.406	1.030	.610	21.9	66.6	1.406	1.030	.610	21.9	66.6
50-326	.226-.326	1-Rad.	1.094	.620	15.0	45.7	1.515	1.040	.620	22.9	69.7	1.515	1.040	.620	22.9	69.7
50-426	.326-.426	2-Rad.	1.218	.640	16.2	49.2	1.625	1.050	.640	23.8	72.6	1.625	1.050	.640	23.8	72.6
50-526	.426-.526	3-Rad.	1.312	.635	16.9	51.6	1.750	1.075	.635	25.0	76.3	1.750	1.075	.635	25.0	76.3

**NOTE: The 1/2" thread size RIVNUTS listed here are of new design and replace type numbers shown in previous issues. Old design still available on special request. Check with RIVNUT Engineered Products or representative for availability of other grip ranges and designs.